

JOURNAL

OF THE

American Veterinary Medical Association

FORMERLY

AMERICAN VETERINARY REVIEW

Original Official Organ U. S. Vet. Med. Ass'n.

Edited and Published for

THE AMERICAN VETERINARY MEDICAL ASSOCIATION

By

J. R. MOHLER, WASHINGTON, D. C.

EXECUTIVE BOARD

George Hilton, 1st District; T. E. Munce, 2d District; S. E. Bennett, 3d District; J. A. Kiernan, 4th District; C. E. Cotton, 5th District; R. A. Archibald, 6th District; Cassius Way, Member at Large.

SUB-COMMITTEE ON JOURNAL

S. E. Bennett

J. A. Kiernan

Index to Volume LX

NEW SERIES VOLUME 13

October, 1921, to March, 1922

WASHINGTON, D. C.

1922

661
1602
Pat 18

SF601
'A5

LIST OF ILLUSTRATIONS

PORTRAIT OF DR. A. T. KINSLEY, 8.

PORTRAIT OF DR. DAVID S. WHITE, 10.

COMPARISON OF ABORTION IN VACCINATED AND UNVACCINATED CATTLE IN WISCONSIN EXPERIMENTS (CHART), 31.

VETERINARIANS ATTENDING TUBERCULOSIS SHORT COURSE AT NORTH DAKOTA AGRICULTURAL COLLEGE, 112.

BRONZE STATUE OF JUSTIN MORGAN, 261.

BUFFER EFFECT OF HORSE SEMEN (DIAGRAM), 296.

DOGS AFFECTED WITH ANTHRAX, 324.

SHEEP AFFECTED WITH STOMACH WORMS, 326.

INTUSSUSCEPTION IN A COLT, 329.

GENITAL INFECTIONS IN A BULL:

Figs. 1 and 2, 422.

Figs. 3 and 4, 423.

Figs. 5 and 6, 424.

EMBLEM ADOPTED BY AMERICAN VETERINARY MEDICAL ASSOCIATION, 501.

A SHETLAND PONY THAT DIED OF TUBERCULOSIS, 601.

PREVENTION OF LIVESTOCK SHIPPING LOSSES:

Fig. 1. Diaphragm and Lungs of Hog, 618.

Fig. 2. Apparatus for Sprinkling Hogs, 619.

Fig. 3. Thin Cattle, 623.

PORTRAIT OF DR. DUNCAN MCEACHRAN, 625.

RESULTS OF OPHTHALMIC TUBERCULIN TEST, 735.

THE FIFTH MEDICAL CONGRESS OF CUBA:

Portrait of Dr. Bernardo J. Crespo, 774.

Group of representatives of medical and veterinary professions, 777.

Group of special meetings, 777.

CONGENITAL ANKYLOSIS IN HIND LEGS OF CALF, 784.



Index of Authors

- Adams, John W., 144.
 Anderson, W. S., 291.
 Beach, B. A., 600.
 Beaudette, F. R., 283, 729.
 Bemis, H. E., 51.
 Blair, W. Reid, 756.
 Boerner, Fred, Jr., 83.
 Boyd, W. L., 34.
 Bushnell, L. D., 729.
 Butler, W. J., 59.
 Cahill, Edw. A., 702.
 Carr, George H., 194.
 Carroll, A. N., 315.
 Carter, Thomas B., 782.
 Cary, C. A., 329.
 Conley, C. C., 191.
 Covault, C. H., 67.
 Crawley, Howard, 461.
 Cross, Floyd, 562.
 Eichhorn, A., 771.
 Embree, W. J., 615.
 Evans, W. A., 693.
 Finkelstein, B. J., 208.
 Foster, J. P., 46.
 Gilman, Herbert L., 416.
 Glover, George H., 317, 767.
 Graham, Robert, 76.
 Hadley, F. B., 26, 600.
 Hadwen, S., 724.
 Hall, Maurice C., 583.
 Hayes, F. M., 435.
 Healy, D. J., 291.
 Henley, R. R., 717.
 Hollingworth, W. G., 610.
 Hopper, Earle B., 738.
 Hoskins, H. Preston, 453.
 Jakeman, H. W., 702.
 Jardine, Ernest F., 328.
 Jones, F. S., 271.
 Jorgenson, G. E., 93.
 Kingman, H. E., 165.
 Lockett, S., 186.
 Lowe, William Herbert, 80.
 Lumb, J. W., 206.
 McEachran, Duncan, 701.
 McNair, F. H., 170.
 Moore, Veranus Alva, 623.
 Motley, A. A., 63.
 Munce, T. E., 402, 734.
 Munce, T. W., 702.
 Newsom, I. E., 562.
 Nighbert, E. M., 205.
 Noback, Charles V., 322, 325.
 Perry, Frederic M., 648.
 Peter, A. M., 201.
 Phipps, H., 435.
 Piper, H. B., 600.
 Quinlan, J. C., 781.
 Ratigan, W. J., 96, 639.
 Records, Edward, 155.
 Reed, R. C., 691.
 Roberts, G. A., 177.
 Santa Maria, L., 306.
 Schroeder, E. C., 542.
 Schwarzkopf, Olaf, 382.
 Sisson, S., 736.
 Smith, H. R., 310.
 Stubbs, E. L., 83, 461.
 Torrance, Frederick, 22.
 Townsend, J. G., 606.
 Traum, J., 186.
 Troy, O. E., 299.
 Turner, John P., 640.
 Vawter, Lyman R., 155.
 White, David S., 9.

Index of Subjects

Papers:

- Abortion, Bovine Infections, Bureau of Animal Industry Investigations, 542.
 Abortion, Immunizing Cattle, 26.
 Abortion, Swine, 435.
 Address of President David S. White, 9.
 Animal Diseases, Importance of Preventive Measures, 402.
 Army Horses and Army Remount Service, 648.
 Bacillus Bovisepticus, Types in Dairy Herd, 271.
 Bacillus Ovissepticus Vaccines, Investigations, 562.
 Botulism in Relation to Anti-Hog-Cholera Serum and Hog-Cholera Virus, 702.
 Botulism in Swine in Relation to Hog-Cholera Immunization, 76.
 Chicken-Pox Vaccine, Experiment to Determine Value, 83.
 Clarification of Hog-Cholera Defibrinated Blood Antitoxin, 717.
 Colorado Veterinary Hospital, New, Dedication, 767.
 Cooperation Between United States and Mexico for Control of Epizootics, 306.
 Corpus Luteum, Relation to Estrum and Involution of the Pathologic Uterus, 34.
 Cuba, Fifth Medical Congress, 771.
 Digestive Tract, Diseases, Dogs and Cats, 170.
 Garbage Feeding and Hog Cholera, 22.
 Genital Infections in Bull, 416.
 Health Departments Interested in Tuberculosis Eradication, 683.
 Hemorrhagic Septicemia Organism, Virulent and Non-virulent Strains in Same Animal, 453.
 Herd Efficiency from Standpoint of Veterinarian, 738.
 Hog Cholera, 691.
 Hog Cholera and Garbage Feeding, 22.
 Hog-Cholera Defibrinated—Blood Antitoxin, Clarification, 717.
 Hog-Cholera Immunization and Botulism, 76.
 Hog-Cholera Serum and Virus, Botulism in Relation to, 702.
 Horse Semen, Hydrogen—Ion Concentration, 291.
 Hoskins, W. Horace, Tribute to, 80.
 Hypoderma Larvæ, Effects of Improper Methods of Extracting, 724.
 Ictero-Hemoglobinuria in Cattle, 155.
 Laboratory Diagnosis of Poultry Diseases, 729.
 Laryngoplegia of Horse, Surgical Treatment, 144.
 Livestock, Purebred, Veterinarian and, 194.
 Livestock Shipping Losses, Prevention, 615.
 Loca Poisoning, Field Observations, 299.
 McEachran, Dean, Tribute on Behalf of McGill Veterinary Graduates, 750.
 McEachran, Duncan, and McGill Faculty of Comparative Medicine, 625.
 McGill Veterinary Reunion, Address, 761.
 Mexico and United States, Cooperation for Control of Epizootics, 306.
 Morgan Horse, Occurrence of Five Lumbar Vertebrae, 379.
 Municipal Food Inspection, 317.
 Parasitic Diseases, Treatment and Prophylaxis, 583.
 Parturient Paresis of Dairy Cow, 63, 200.
 Poultry Diseases, Clinical Aids in Diagnosis, 283.
 Poultry Diseases, Laboratory Diagnosis, 729.
 Rinderpest in Brazil, 177.
 Sex Determination and Embryology of Uterus, 46.
 Strongylidosis in the Horse, 67.
 Surgical Operations on the Ox, 51.
 Surgical Technique—Suturing, 165.
 Tuberculosis, Bovine, Control, 196.
 Tuberculosis Eradication, Bovine, Progress in Montana, 59.
 Tuberculosis Eradication, Cooperation, 310.
 Tuberculosis Eradication, Health Departments Interested, 683.
 Tuberculosis in Shetland Pony, 600.
 Tuberculosis, Obscure Lesions, 191.
 Tuberculin Test, Ophthalmic, Pennsylvania Instructions, 734.
 Veterinarian and Public, 315.
 Veterinarian and Purebred Livestock, 194.
 Veterinarian, Practicing, and Accredited Herd Work, 606.
 Veterinarian, Relation to Humane Work, 610.
 Viscera of the Cow, 736.

Clinical and Case Reports:

- Ankylosis, Congenital, in Calf, 782.
 Anthrax in Dogs, 322.
 Blackleg, Breed and Sex Susceptibility of Calves, 206.
 Capillaria Worms, Pathogenic Effects on Chickens, 461.
 Chorea in Dogs and Monkey, 639.
 Granuloma of Frog in Horse, 328.
 Intussusception in Colt, 329.
 Oleander Poisoning in Bear, 96.
 Parasites of Sheep on Sabana of Bogota (Colombia), 325.
 Pericarditis, Traumatic, 208.
 Pyosalpingitis, Surgical Treatment, 93.
 Rupture of Uterus in Cows, 640.
 Swine Erysipelas, 781.
 Udders, Indurated, in Virgin Heifers, 205.

Abstracts:

- Abortion, Infectious, in Mares, 464.
 Anesthesia, General, in Horse by Intravenous Injection of Chloral Hydrate, 784.
 Anthrax, Diagnosis from Bone Marrow, 335.
 Antitoxins, Effect of Filtration on Potency, 102.
 Azoturia, Treatment with Animal Charcoal, 216.
 Bacillus Botulinus, Purity of American Strains, 213.
 Bacteria, Method for Determination of Number in Suspensions, 330.
 Beef Souring, Caused by Bacillus Megatherium, 214.
 Bipolar Infection in Animals, 785.
 Blackleg Immunization with Germ-free Filtrates, 465.

Botryomycosis, So-Called, in Man, 463.
 Calcium and Tuberculosis in Rabbits, 214.
 Cancer of Stomach in Horse, 334.
 Chaulmoogra Oil in Treatment of Tuberculosis and Leprosy, 335, 336.
 Cold, Action on Body, 466.
 Distemper in Pig, 215.
 Foot-and-Mouth Disease, Immunization, 334.
 Foot-and-Mouth Disease in Switzerland, 210.
 Fowl Typhoid, Epizootic in France, 415.
 Gangrenous Infections, Acute, Etiology, 212.
 Immunization, Nonspecific, Basis, 612.
 India Department of Veterinary Science, Report, 333.
 John's Disease, Transmission to Experimental Animals, 784.
 Lumbago, Treatment with Animal Charcoal, 216.
 Meat of Healthy Animals Free from Bacteria, 786.
 Oestrin in Pernicious Anemia of Horses, 783.
 Otitis Externa Parasitica of Cat, 211.
 Paralysis, Lumbar, of Sheep, 314.
 Paratuberculosis (John's Disease), 781.
 Paratyphoid of Honey Bee, 98.
 Pneumonia, Necrotizing, in Swine Plague and Hog Cholera, 466.
 Septicemic Infection in Lambs Caused by Swine Erysipelas Bacillus, 99.
 Stains, Polar, Preparation, 211.
 Strangles, Vaccination, 98.
 Suprarenin in Horse, 783.
 Swine Erysipelas and Erysipeloid (in Man), 645.
 Tonsils as Part of Entry for Infections, 210.
 Tubercle Bacilli, Avian, in White Rat, 612.
 Tubercle Bacilli in Bile, 100.
 Tuberculin, Diagnostic, 644.
 Tuberculin, Diagnostic Value in Human Surgical Tuberculosis, 101.
 Tuberculosis, Bovine, Complement Fixation, 99.
 Tuberculosis, Chaulmoogra Oil in Treatment, 335, 336.
 Tuberculosis, Friedmann Treatment, 101.
 Tuberculosis Immunizing Vaccine, 463.
 Tuberculosis in Small Rodents, 100.

Army Veterinary Service:

Army Veterinary Picnic, 219.
 Army Horses and Army Remount Service, 648.
 Percheron as Army Horse, 467.
 Regulations for Officers' Reserve Corps, 341.
 Surgeon General Ireland, Letter, 340.
 Veterinary Corps, Examination for Appointment, 103, 218.

Association News:

American Veterinary Medical Association
 Denver Doings, 239.
 Notes, 372, 508, 669, 802.
 Resident Secretaries, 667.
 Women's Auxiliary, 241.
Proceedings of Fifty-Eighth Annual Meeting
 Amendment to By-Laws, 369.
 Election of Officers, 350.
 Place of Next Meeting, 370, 493.
 Proceedings, 220, 349, 471, 637, 787.
 Report of Auditing Committee, 470.

Report of Budget Committee, 502.
 Report of Committee on Abortion, 235.
 Report of Committee on Anatomical Nomenclature, 503.
 Report of Committee on Bovine Tuberculosis, 363.
 Report of Committee on Emblem, 500.
 Report of Committee on History, 234.
 Report of Committee on Intelligence and Education, 475.
 Report of Committee on International Veterinary Conference, 237.
 Report of Committee on Legislation, 333.
 Report of Committee on Necrology, 337.
 Report of Committee on Resolutions, 503.
 Report of Editor, 787.
 Report of Executive Board, 223, 349, 471, 492, 500.
 Report of Representative on Advisory Board of Horse Association of America, 354.
 Report of Secretary, 228.
 Report of Treasurer, 231, 790.
 Sections, Joint Meeting, 637.
 Section on Education and Research, 637.
 Section on General Practice, 637, 662.
 Section on Sanitary Science and Police, 637, 667.
 Section on Veterinary Colleges and Examining Boards, 666.
 Special Committee on Prevention and Control of Animal Diseases, 369.

Other Meetings

Alabama Veterinary Medical Association, 670.
 British Columbia Veterinary Association, 520.
 California Board of Examiners, 375.
 California State Veterinary Medical Association, 376.
 California Veterinary Practitioners' Conference, 799.
 Central Michigan Veterinary Medical Society, 375, 325.
 Central Pennsylvania Veterinary Club, 250.
 Colorado Veterinary Medical Association, 325, 797.
 Conference of Research Workers in Animal Diseases, 519.
 Connecticut Veterinary Medical Association, 799.
 Georgia Veterinary Association, 246.
 Illinois Veterinary Medical Association, 523.
 International Conference on Epizootic Diseases of Domestic Animals (Paris), 124, 251.
 Kentucky Veterinary Medical Association, 110.
 Maine Veterinary Medical Association, 798.
 Manitoba Veterinary Association, 374.
 Maryland State Veterinary Medical Association, 114.
 Mississippi Delta Veterinary Association, 240.
 Mississippi State Veterinary Medical Association, 523.
 Missouri Valley Veterinary Association, 106, 526.
 Montana Veterinary Medical Association, 113.
 National Association of B. A. I. Veterinarians, Metropolitan Division, 522.
 New York State Veterinary Medical Society, 243.
 North Dakota Veterinary Medical Association, 111.

Oklahoma Veterinary Medical Association, 670.
 Ontario Veterinary Association, 118.
 Pennsylvania State Veterinary Medical Association, 877.
 Philadelphia Veterinary Club, 376, 324, 669.
 Quebec Veterinary Medical Association, 251.
 Schuylkill Valley Veterinary Medical Association, 324.
 Southeastern States Veterinary Medical Association, 524, 801.
 Tuberculosis Eradication Conference (Chicago), 253, 515.
 United States Livestock Sanitary Association, 510.
 University of Pennsylvania Conference of Veterinarians, 671.
 University of Pennsylvania Veterinary Alumni Dinner, 245.
 Western Michigan Veterinary Medical Association, 245.
 Western New York Veterinary Medical Association, 113, 378.
 Wisconsin Veterinary Medical Association, 800.
 World's Poultry Congress, 252.

Editorial:

Animal Experimentation, the Veterinarian and, 265.
 Antivivisection Antics, 268.
 Chiropactic, Veterinary, 142.
 Cuban-American Veterinary Entente Cordiale, 681.
 Denver Convention, 1.
 Diseases of Livestock on Wane, 679.
 Foot-and-Mouth Disease, Immunization, 139.
 Foot-and-Mouth Disease Sweeps Great Britain, 677.
 Old and New Year, 399.
 Opportunities for Veterinarians, 400.
 President, Our Newly Elected (A. T. Kinsley), 7.
 Press, Annual Meeting and, 268.
 Rabies, Reminder of Real Danger, 269.
 Students, Veterinary, Enrollment, 587.
 Students, Veterinary, Shortage, 143.
 Tuberculosis Work, Additional Funds, 401.
 Vaccine Therapy, Efficiency, 141.
 Veterinarian and Public Health, 538.

Book Reviews:

Diseases of the Small Domestic Animals, Oscar Victor Brumley, 616.
 Italian Veterinary Annual, 647.
 Laboratory Manual in General Microbiology, Ward Giltner, 216.
 Regional Anatomy of Domestic Animals, The Pig, E. Bourdelle, 337.

Communications:

Cuban Medical Congress, Invitation, 527.
 Ecuador, Letter, 256.
 Horses, Tractors and Trucks, 383.
 Mississippi, Exhibition in, 385.
 Morgan Horse, Five Lumbar Vertebrae, 379.
 low Fever, 674.
 Post-Card Advertising by Veterinary Supply Houses, 255.
 Protecting the Stock, 121.
 Purebred Stock, 529.
 Watch Out for "Dr. J. Hanigan," 255.

Necrology:

Albrechtsen, Jacob, 530.
 Archibald, R. A., 803.
 Armsby, Henry Prentiss, 530.
 Babcock, Charles H., 386.
 Barnes, F. E., 123.
 Edwards, W. C., 259.
 Gunn, Nelson T., 535.
 Harker, G. Frank, 123.
 Helmer, Jacob, 532.
 Jobson, George B., 672.
 Linn, Willard L., 673.
 Rectenwald, Mrs. N., 673.
 Robinson, Charles Barnwell, 672.
 White, S. W., 387.
 Winsloe, J. A. H., 673.

Miscellaneous:

American Legion Adopts Tuberculosis Resolution, 526.
 Animal Experimentation, the Doctor and the Dog, 91.
 Antituberculosis Vaccination, 282.
 Chiropactic, Veterinary, Again, 452.
 Food and Drug Law, Violations, 808.
 Government Scientific Periodicals Suspended, 676.
 Hassall, Albert, Honored, 760.
 Hookworm Treatment, 807.
 Horse Breeding, Move to Assist, 258.
 Horse for Street Cleaning, 21.
 Horses and Mules in War, 169.
 Horses, Endurance Test, 592.
 Horses Raise Cash, 534.
 Hoskins, Dean, Memorial Meeting, 805.
 International Congress on Comparative Pathology, 605.
 McEachran, Duncan, Honored Guest, 388.
 Morgan Horse, Famous, Honored, 261.
 Mountain Trip, 393.
 Rommel, George M., Resigns, 305.
 St. Kitts, Veterinary Practice in, 434.
 Salmon Memorial Fund, 259.
 South Dakota Laboratory Service, 671.
 Tapeworms in Dogs, Treatment, 396.
 Tuberculin Test by Area Plan, 395.
 Tuberculosis, German Savants on, 385.
 Tumors in Ethmoid Bones of Horses, 804.
 Veterinary and Human Medicine, Cooperation, 624.
 Williams, W. L., Compliment to, 339.
 Wood, Gen. Leonard, Fight Against Yellow fever, 674.

